ABSTRACT OF THE DISCLOSURE

A sand-belt finishing machine includes two opposite grinding devices arranged in parallel with each other and each including two opposite rollers and a sand belt reeved around the two rollers, and a dust clearing device mounted between the two grinding devices. Thus, the wooden board is placed on a single main frame and is processed by a single working procedure to synchronously obtain a double surface treatment, including the rough working treatment and the finishing treatment, thereby greatly simplifying the working process.